



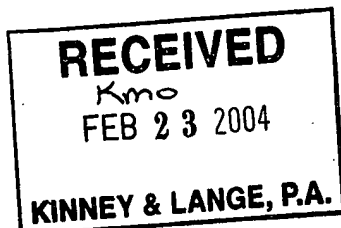
## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/715,695	11/18/2003	2652	824	169.12-0595	9	23	3

00164

KINNEY & LANGE, P.A.  
 THE KINNEY & LANGE BUILDING  
 312 SOUTH THIRD STREET  
 MINNEAPOLIS, MN 55415-1002



CONFIRMATION NO. 5382

FILING RECEIPT



\*OC000000011937522\*

Date Mailed: 02/20/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

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 Eric S. Linville, Chanhassen, MN;  
 Nurul Amin, Woodbury, MN;  
 Johannes Van Ek, Minnetonka, MN;  
 Olle G. Heinonen, Eden Prairie, MN;

## Assignment For Published Patent Application

Seagate Technology LLC, Bloomington, MN;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted: 02/13/2004

Projected Publication Date: 05/19/2005

Non-Publication Request: No

Early Publication Request: No

**Title**

Differential CPP reader for perpendicular magnetic recording

**Preliminary Class**

360

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

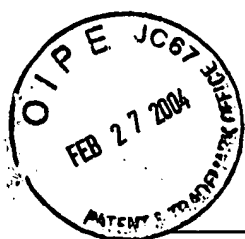
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

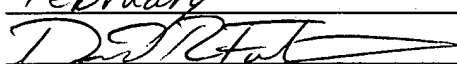
First Named  
Inventor : Sining Mao et al.  
Appln. No. : 10/715,695  
Filed : November 18, 2003  
Title : DIFFERENTIAL CPP READER FOR  
PERPENDICULAR MAGNETIC  
RECORDING  
Docket No. : I69.12-0595

Group Art Unit: 2652  
Examiner:

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

Commissioner for Patents  
Office of Initial Patent Examination  
P.O. Box 1450  
Alexandria, VA 22313-1450

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL,  
FIRST CLASS, TO THE COMMISSIONER FOR PATENTS,  
ALEXANDRIA, VA 22313, THIS 24 DAY OF

February, 2004.  
  
PATENT ATTORNEY

Sir:

Attached is a copy of the Official Filing Receipt received from the Patent and Trademark Office in the above-identified application for which issuance of a corrected filing receipt is respectfully requested.

There are errors in that the following data is incorrectly entered:

Total Claims: 23

Assignment: Seagate Technology LLC, Bloomington, MN:

The filing receipt should read as follows:


Total Claims: 22

Assignment: Seagate Technology LLC, Scotts Valley, CA;

The Commissioner is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 11-0982. A duplicate copy of this communication is enclosed.

Respectfully submitted,

KINNEY & LANGE, P.A.

By: 

David R. Fairbairn, Reg. No. 26,047

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